| L1 | 102 | (US-20020089067-$ or US-20020105092-$ or US-20020114144-$ or US-20020167079-$ or US-20020173074-$ or US-20030096453-$ or US-20040082107-$ or US-20040185601-$ or US-20040187306-$ or US-20040261904-$).did. or (US-3839727-$ or US-4143456-$ or US-5203076-$ or US-5218234-$ or US-5385869-$ or US-5450283-$ or US-5535101-$ or US-5697148-$ or US-5700723-$ or US-5710071-$ or US-5766982-$ or US-5817545-$ or US-5834339-$ or US-5849606-$ or US-5935375-$ or US-5942798-$ or US-5973930-$ or US-5981312-$ or US-5981313-$ or US-5998242-$ or US-5998243-$ or US-6000924-$ or US-6027590-$ or US-6046076-$ or US-6048656-$ or US-6074897-$).did. or (US-6081997-$ or US-6093972-$ or US-6107689-$ or US-6121689-$ or US-6130476-$ or US-6157086-$ or US-6160308-$ or US-6168972-$ or US-6201301-$ or US-6220503-$ or US-6225704-$ or US-6228688-$ or US-6238948-$ or US-6245583-$ or US-6245595-$ or US-6251766-$ or US-6255142-$ or US-6264094-$ or US-6285560-$ or US-6297560-$ or US-6309908-$ or US-6324069-$ or US-6329224-$ or US-6331446-$ or US-6333563-$ or US-6335491-$ or US-6365435-$).did. or (US-6365441-$ or US-6383846-$ or US-6391682-$ or US-6435396-$ or US-6438826-$ or US-6445074-$ or US-6448665-$ or US-6451625-$ or US-6459152-$ or US-6459159-$ or US-6468832-$ or US-6489180-$ or US-6490166-$ or US-6495083-$ or US-6498054-$ or US-6506681-$ or US-6528345-$ or US-6534345-$ or US-6537482-$ or US-6545869-$ or US-6599775-$ or US-6610559-$ or US-6656773-$ or US-6660560-$ or US-6661102-$ or US-6661939-$ or US-6674172-$).did. or (US-6677179-$ or US-6693239-$ or US-6700209-$ or US-6703299-$ or US-6724091-$ or US-6772512-$ or US-6774497-$ or US-6794623-$ or US-6794761-$ or US-6815258-$ or US-6821878-$ or US-6844052-$).did. | US-PGPUB; USPAT | OR | ON | 2005/03/17 10:15 |

L2	22	1 and (((channel hole) with (underfill$3 (under adj fill$3))) with (carrer substrate))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 10:20
L3	198	(((channel hole) with (underfill$3 (under adj fill$3))) with (carrer substrate board))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 10:21
L4	165	3 and (chip die ic (semiconductor near1 (element device))) and (bump ball)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 10:22
L5	143	4 not 2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/17 10:22
L6	0	("6756251").URPN.	USPAT	OR	ON	2005/03/17 10:24

L7	89	("20010167092" | "20020164838" | "20030164540" | "20030164541" | "20030164543" | "20030164548" | "20030164551" | "20030166312" | "4807021" | "5347159" | "5366794" | "5385869" | "5386341" | "5397921" | "5409865" | "5422205" | "5448511" | "5646446" | "5663530" | "5668405" | "5674785" | "5697148" | "5710071" | "5719449" | "5721151" | "5739585" | "5747982" | "5752182" | "5758413" | "5798285" | "5805422" | "5818113" | "5834338" | "5834366" | "5835355" | "5843808" | "5844168" | "5866953" | "5886408" | "5891753" | "5898224" | "5973404" | "5977640" | "5982030" | "5984691" | "5991161" | "6008543" | "6011694" | "6024584" | "6027346" | "6028365" | "6040630" | "6050832" | "6057178" | "6072233" | "6074897" | "6075710" | "6079991" | "6093035" | "6116921" | "6124631" | "6127736" | "6137062" | "6137164" | "6137183" | "6157541" | "6165885" | "6172422" | "6179598" | "6208521" | "6212768" | "6214156" | "6218202" | "6219911" | "6221763" | "6225688" | "6229711" | "6262895" | "6291775" | "6294455" | "6300679" | "6310288" | "6323060" | "6413102" | "6429516" | "6432737" | "6489687" | "6492737" | "6518677" | "6552910").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/17 10:24
L8	1	("6057178").URPN.	USPAT	OR	ON	2005/03/17 10:27
L9	3	("5328060" | "5697148" | "5731223").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/17 10:27
L10	20	("6081997").URPN.	USPAT	OR	ON	2005/03/17 10:43